

IRWMP Update Workgroup Meeting #4



2:00 p.m. • February 27, 2018
Kings River Conservation District Office



Agenda

- Scope of Grant
- IRWMP Update Status
- Storm Water Resources Plan
- Schedule

Scope of Grant Work Reminder

- IRWMP Update
 - Current IRWMP adopted in 2012
 - Address specific water quality concerns
 - Update IRWMP to address 2016 Guidelines
- Separate Stormwater Resources Plan (SWRP)
 - State Water Board program
 - Projects included in SWRP eligible for funding

Provost & Pritchard Consulting Group

IRWMP - Water Quality

- Section 3.5 (AB1249 Compliance)
 - Comment received and implemented
 - Revised Section available for review
- Additional Data Requests
 - Table 3-5: Existing Projects
 - Table 3-6: Future Projects

Provost & Pritchard Consulting Group

IRWMP - Water Quality Projects

Table 3-5: Existing Region-wide Water Treatment Projects

Agency	Project Name	Year Completed	Project Goal
Armona CSD	Arsenic Reduction Well and Treatment Plant	2017	Provide safer drinking water through treatment for arsenic in groundwater supplies.
Bakman Water Company	Water Supply Reliability and Conservation Project	2018	Provide safer drinking water through installing ion exchange treatment for nitrate removal. Extraction of nitrate contaminated ground water and treating helps reduce the overall quantity of nitrate in the aquifer.
Fresno, City of	Nitrate Treatment (Blending)	Varies	Provide safe drinking water through blending water supplies in excess of the nitrate MCL with high quality water supplies; the City employs this method on six (6) active wells and three (3) inactive wells. Extraction of nitrate contaminated ground water and treating helps reduce the overall quantity of nitrate in the aquifer.
Malaga CWD	Nitrate Reduction Project	2019*	Reduce potential nitrate contamination contribution to the groundwater through reducing the amount of Nitrate in the wastewater effluent.
Riverdale PUD	Well 7 Improvements	2017	Provide safer drinking water through constructing a new well at 1800 feet depth to avoid aquifers with arsenic.

Table 3-6: Future Region-wide Water Treatment Projects

Agency	Project Name	Year to be Completed	Project Goal
Easton CSD	Wastewater Treatment System	Unknown	Sewer approximately 200 homes currently relying on septic systems. Project is in preliminary planning stages.

Provost & Pritchard Consulting Group

IRWMP Update Next Steps

- Complete updates to remaining sections
 - Measurable Objectives (Chapter 5)
 - Resource Management Strategies (Chapter 6)

Provost & Pritchard Consulting Group

IRWMP Update – Chapter 5

- Measurable Objectives
- New MO Requirements
 - Address adapting to changes in the variability of runoff and recharge.
 - Consider the effects of sea level rise (SLR) identify suitable adaptation measures.
 - Reduce energy consumption, and ultimately reducing GHG emissions.
 - AB 32 Scoping Plan Strategies
 - Carbon sequestration and renewable energy

Provost & Pritchard Consulting Group

No.	Objective
MO1	Increase amount of groundwater in storage with intent to eliminate the groundwater overdraft in 20 years
MO2	Identify opportunities and Projects
MO3	Identify DAC priority needs and promote/support solutions to DAC water issues
MO4	Increase average annual supply and reduce demand
MO5	Increase dry year supply
MO6	Increase regional conveyance capacity
MO7	Compile baseline water quality data for ground & surface water
MO8	Encourage Best Management Practices, policies & education that protect water quality
MO9	Identify sources of water quality problems & promote/support solutions to improve water quality
MO10	Increase surface storage
MO11	Sustain the Kings River Fisheries Management Program
MO12	Pursue opportunities to incorporate habitat benefits into projects
MO13	Increase public awareness of IRWM Efforts
MO14	Involve local water districts and land use agencies in generating and confirming the current and future water needs to ensure compatibility and consistency with land use and water supply plans.
MO15	Comply with SBx7-7

IRWMP Update – Chapter 6

- Resource Management Strategies
- New RMS Requirements
 - Sediment Management (Flood Management)
 - Outreach and Engagement (Other Strategies)
 - Water and Culture (Other Strategies)

Provost & Pritchard Consulting Group

IRWMP Update Next Steps

- Climate Change section
 - Additional resources required to be “considered”
 - Meeting with DWR
- Finalize draft for committee by April 2018

Provost & Pritchard Consulting Group

IRWMP Pending Grant Cycle

- \$34M remaining for Tulare/Kern Region

Proposition 1 IRWM Implementation Grants Draft DWR Proposal Solicitation Process and Schedule	
Milestone or Activity	Tentative Schedule
Coordination with Regional Stakeholders RE: Development of Implementation Grant Program Concepts	May 2017 – April 2018
DWR Releases Draft Proposal Solicitation Package (PSP) for 45-day Public Comment Period	April 2018
Three Public Meetings (Northern, Central, and Southern California locations TBD)	May 2018
Draft PSP Public Comment Period Closes	June 2018
DWR Releases Final PSP	Summer 2018
Round 1 Grant Applications Due to DWR	By December 2018
Round 1 Grant Awards	2019
Round 2 Grant Solicitation Process Begins	2020

Provost & Pritchard Consulting Group

Storm Water Resource Plan Reminders

- Separate Plan from IRWMP
 - FMFCD has functional equivalent plan
 - SWRP will cover all of KBWA outside of FMFCD
- Will use IRWMP project list tracking and process
 - List of **prioritized projects** is required
- Upcoming Funding will have \$86M available
- **Projects must be included in SWRP**

Provost & Pritchard Consulting Group

Storm Water Resource Plan Updates

- SWB reviewed Section 5
- Sections 1-5 drafted
- Starting on Sections 6 and 7
- Initiated checklist (roadmap) identifying where each requirement is addressed in SWRP
- Concern about lack of projects
 - Plan for meetings with Counties/Agencies

Provost & Pritchard Consulting Group

